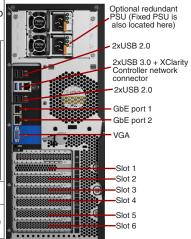
ThinkSystem ST550 Platform Specifications

Components	Specificati								
Form factor	Tower or 4L				405.5	,	100:)	101 4==	
Dimensions	Without foot stands and security door: Height: 425.5 mm (16.8 in). Width: 175.8 mm (6.92 in). Depth: 666.4 mm (26.24 in)								
Weight	Maximum c	onfiguration:	81.35 lb	(36.9 kg)					
Processor	Up to two 125W Intel Xeon Scalable family processors, Bronze, Silver, Gold, or Platinum. Up to 20 cores at 2.0GHz, up to 3.6GHz with 4 cores. Two processors are connected with two UPI (Ultra Path Interconnect) links up to 10.4GT/s								
Chipset		Platform Cor			ot) IIII	ко ир	10 10.401/3	,	
Onipset					orto III	2 to 6	DIMM sook	oto with	6
Memory	Up to 12 DIMM sockets. Each processor supports up to 6 DIMM sockets with 6 channels. DDR4-2666. RDIMMs and LRDIMMs are supported, but memory types cannot be intermixed								
Memory capacity	With RDIMMs: Up to 384GB with 12 x 32 GB RDIMMs and two processors With LRDIMMs: Up to 768GB with 12 x 64 GB LRDIMMs and two processors								
Memory protection	ECC, memo	ry mirroring	, and me	mory sparing					
	Supports th	e following F	RAID/HBA	A adapters:					
	RAID	1	I	<u>.</u> I	T		Cache		Max
	adapte		Drive type	RAID levels	JBOD	Cache	protection	FastPath	qty
	For SS Onboa	6Gbps SATA	SATA	0/1/10/5	Yes	None	None	No	-
	bays SATA 530-8i	12Gbps SAS			Yes	None		Yes	2
	730-8i	12Gbps SAS			Yes	1GB		No	2
Storage controllers	930-8i	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes		Flash backup	Yes	2
-	For HS 930-16	i 12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes		Flash backup	Yes	1
	have 930-24	i 12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60	Yes		Flash backup	Yes	1
	430-81	12Gbps SAS i 12Gbps SAS	SAIA/SAS	-	Yes	None None		-	2
	430-16				Yes Yes	None		-	6
	930-86	12Gbps SAS	SATA/SAS	0/1/10/5/50/6/60			Flash backup	Yes	6
	Noto: 720 Si is			AID/HBA adapters			-	······································	
	Note: 730-81 IS								
	0 4								40
		or 8 front 3.	5" SATA s	imple-swap b	ays. C	Or 4 or	8 front 3.5'	SATA/S	AS
	HS bays. O	or 8 front 3.	5" SATA s	imple-swap b	ays. C	or 4 or	8 front 3.5	SATA/S	
Disk drive bays	HS bays. O Optional 4 f	or 8 front 3.9 8 or 16 fror ront 2.5" HS	5" SATA s	imple-swap b	ays. C	or 4 or	8 front 3.5	SATA/S	
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I	or 8 front 3.9 8 or 16 from ront 2.5" HS ocation	5" SATA s nt 2.5" SA bays are	simple-swap b TA/SAS HS b supported or	ays. C ays w n hot-	or 4 or with ma swap i	8 front 3.5' aximum 4 A models, tak	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I	or 8 front 3.9 8 or 16 from ront 2.5" HS ocation	5" SATA s nt 2.5" SA bays are	imple-swap b	ays. C ays w n hot-	or 4 or with ma swap i	8 front 3.5' aximum 4 A models, tak	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I	or 8 front 3.5 8 or 16 fron ront 2.5" HS ocation e or two inte	5" SATA s nt 2.5" SA bays are ernal M.2	simple-swap b TA/SAS HS b supported or SSD for boot,	ays. C ays w n hot- dual	Or 4 or ith ma swap i M.2 S	8 front 3.5' aximum 4 A models, tak	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I Optional on	or 8 front 3.5 8 or 16 fron ront 2.5" HS ocation e or two inte	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7.	simple-swap b TA/SAS HS b supported or SSD for boot, 2K	ays. C ays w n hot- dual	Or 4 or with masswap i M.2 S	8 front 3.5' aximum 4 A models, take SD support	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS ba	or 8 front 3.97 8 or 16 from 2.5" HS ocation e or two interes of 13.5" HDD, SA	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7.	simple-swap b TA/SAS HS b supported or SSD for boot, 2K 1 2K 1	ays. Coays we note: dual TB/2TE TB/2TE	Or 4 or ith ma swap i M.2 S 6/4TB/6T 6/4TB/6T	8 front 3.5' aximum 4 Al models, take SD support	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay	or 8 front 3.97 8 or 16 front 2.5" HS ocation e or two interests 13.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 7	simple-swap both TA/SAS HS be supported on SSD for boot, 2K 12K 1.2K 1.2K 1.2K	ays. Coays we note: dual TB/2TE TB/2TE	Or 4 or rith ma swap i M.2 S 8/4TB/6T 8/4TB/6T	8 front 3.5' aximum 4 Al models, take SD support B/8TB/10TB B/8TB/10TB	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with	or 8 front 3.5 8 or 16 front 2.5" HS ocation e or two inte 7 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA	5" SATA s ht 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 3	ays. Coays we have a hot-sized dual TB/2TE TB/2TE TB/2TE	Or 4 or ith maswap i M.2 S 6/4TB/6T 6/4TB/6T 600GB	8 front 3.5' aximum 4 Al models, take SD support B/8TB/10TB B/8TB/10TB	SATA/S nyBay. es place	in two
Disk drive bays	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or	or 8 front 3.5 8 or 16 front 2.5" HS ocation e or two interest of 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 2.5" SSD, SA	5" SATA s nt 2.5" SA bays are rnal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps	simple-swap b stacks HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 3	ays. Coays we have a had	Dr 4 or rith ma swap i M.2 S 8/4TB/6T 8/4TB/6T 600GB 80GB	8 front 3.5' aximum 4 Al models, take SD support B/8TB/10TB B/8TB/10TB	SATA/S nyBay. es place	in two
	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with	or 8 front 3.5 8 or 16 front 2.5" HS ocation e or two inte 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA	5" SATA s at 2.5" SA bays are rnal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps TA6Gbps, 7.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 1 5K 2 2K 1	eays. Chays we have have have have have have have hav	Or 4 or eith ma swap I M.2 S 6/4TB/6T 6/4TB/6T 6/0GB 80GB	8 front 3.5' aximum 4 Al models, take SD support B/8TB/10TB B/8TB/10TB	SATA/S nyBay. es place	in two
	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with	or 8 front 3.5" 8 or 16 front 0.5" HS ocation e or two inte 1.5" HDD, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 3.5" HDD,	5" SATA s nt 2.5" SA bays are rnal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps TA6Gbps, 7. S12Gbps, 7.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 3 2K 1 5K 2 2K 1	eays. Coays we have have have have have have have hav	Or 4 or eith ma swap I M.2 S 6/4TB/6T 6/4TB/6T 6/00GB 6/80GB	8 front 3.5' aximum 4 Ai models, take SD support B/8TB/10TB B/8TB/10TB	SATA/S nyBay. es place s mirrori	in two
,	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with	or 8 front 3.5" HS or 16 front 0.5" HS ocation e or two inte (1.5" HDD, SA 3.5" HDD, SA 2.5" HDD, SA 3.5" HDD	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7. S12Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 3 2K 1 5K 3	eays. Coays wen hot-singly and hot-singly and hot-singly are some singly and hot singly are some	Or 4 or ith masswap i M.2 S 6/4TB/6T 6/4TB/6T 6/0GB 80GB 8	8 front 3.5' aximum 4 Ai models, take SD support 18/8TB/10TB 18/10TB	SATA/S nyBay. es place s mirrori	in two
	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with	or 8 front 3.5 or 16 front 7.5 or 16 front 7.5 or 16 front 7.5 or 16 front 7.5 or 17	5" SATA s ant 2.5" SA bays are branal M.2 TA6Gbps, 7. S12Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 22K 1 5K 3 6K 3 6K 3	days. Coays wen hot-singly and hot-s	Or 4 or ith masswap i M.2 S 6/4TB/6T 6/4TB/6T 6/00GB 80GB 6 600GB/9	8 front 3.5' aximum 4 Aimodels, take SD support E/87B/10TB E/10TB	SATA/S nyBay. es place s mirrori	in two
	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	or 8 front 3 8 or 16 front or 12.5" HS ocation e or two intex 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA	5" SATA s at 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 2K 1 5K 3 5K 3 5K 1	ays. (cays which have a second processes and a second processes are a second processes and a second processes and a second processes are a second processes and	Dr 4 or ith masswap i M.2 S WATB/6T WA	8 front 3.5' aximum 4 Aimodels, take SD support E/87B/10TB E/10TB	SATA/S nyBay. es place s mirrori	in two
,	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	or 8 front 3 8 or 16 front or 12.5" HS ocation e or two intexts of the state of t	5" SATA s nt 2.5" SA b bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 7 S12Gbps, 7 S12Gbps, 7 S12Gbps, 7 S12Gbps, 1 S12Gbps, 1 S12Gbps, 1 S12Gbps, 1 S12Gbps	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 2K 1 5K 3 2 2K 1 0K 3 5K 3	days. (cays which have a second to the hard to the har	Dr 4 or ith ma swap I M.2 S J4TB/6T J4TB/6T J4TB/6T J4GOGB J5 J6 J6 J6 J6 J6 J6 J6 J6 J6 J6 J7 J7 J7 J7 J7 J7 J7 J7 J7 J7 J7 J7 J7	8 front 3.5' aximum 4 Aimodels, take SD support E/87B/10TB E/10TB	SATA/S nyBay. es place s mirrori	in two
,	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray)	or 8 front 3.5" 8 or 16 front 2.5" HS ocation e or two inte / 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 2.5" NVMe St.	5" SATA s at 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 2 2EK 1 5K 3 5E 2EK 1 5EK 3 5E 3 5EK 3 5EK 3	ays. Quays we have a dual TB/2TE TB/2	Dr 4 or ith ma swap I M.2 S 6/4TB/6T 6/4TB/6T 6/00GB 800GB/9 6/00GB/9 6/00GB/9 8/00GB/9	8 front 3.5' aximum 4 Ai models, take SD support B/8TB/10TB B/8TB/10TB B/8TB/10TB B/10TB B/10TB B/10TB B/10TB B/10TB B/10TB B/10TB B/10TB B/10TB	SATA/S nyBay. es place s mirrori	in two
	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay [3.5" disks or 2.5" disks with 3.5" tray)	or 8 front 3.5" 8 or 16 front 2.5" HS ocation e or two inte 4 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 3.5" SSD	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 3 2K 1 5K 3 5K 3 5K 3 5K 3	ays. Quays we have a dual TB/2TE TB/2	Or 4 or rith masswap i M.2 S M4TB/61 M4TB/61 M4TB/61 M6GB M6GB/9	8 front 3.5'aximum 4 Aimodels, takin SD support B/8TB/10TB B/8TB/10TB B/10TB 00GB/1.2TB/1. 00GB .84TB	SATA/S nyBay. es place s mirrori	in two
Internal storage	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay [3.5" disks or 2.5" disks with 3.5" tray)	or 8 front 3.5" 8 or 16 front 2.5" HS ocation e or two inte 4 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 3.5" SSD	5" SATA s nt 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 2 2EK 1 5K 3 5E 2EK 1 5EK 3 5E 3 5EK 3 5EK 3	ays. Quays we have a dual TB/2TE TB/2	Or 4 or rith masswap i M.2 S M4TB/61 M4TB/61 M4TB/61 M6GB M6GB/9	8 front 3.5'aximum 4 Aimodels, takin SD support B/8TB/10TB B/8TB/10TB B/10TB 00GB/1.2TB/1. 00GB .84TB	SATA/S nyBay. es place s mirrori	in two
Disk drive bays Internal storage Optical	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS ba For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray) For 2.5" bay	or 8 front 3.5 or 16 front 7.5 or 16 front 7.5 or 16 front 7.5 or 16 front 7.5 or 17	5" SATA s at 2.5" SA bays are arnal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps TA6Gbps TA6Gbps S12Gbps, 1. S12Gbps	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 2K 1 5K 3 5K 3 5K 3 5K 3 5K 3 5C	ays. Q ays w n hot- TB/2TE TB/2TE 300GB/6 440GB/4 TB/2TE 800GB/6 400GB/6 440GB/4 .92TB/3 22GB/12	Dr 4 or ith ma swap i M.2 S M4TB/61 M4TB/61 M4TB/61 M00GB 800GB/9 M00G	8 front 3.5' aximum 4 Aimodels, taking SD support TB/8TB/10TB TB/8TB/10TB TB/10TB TB/10TB/10TB TB/10TB TB/10TB/10TB TB/10TB TB/10TB TB/10TB TB/10TB TB/10TB TB/10TB TB/10TB TB/10TB TB	SATA/S nyBay. es place s mirrori	in two
Internal storage	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS ba For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray) For 2.5" bay Two 5.25" b half-height.	or 8 front 3.5 or 16 front 2.5" HS or 16 front 2.5" HS ocation e or two intex 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 3.5"	5" SATA s at 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 1. TA6Gbps, 1. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps, 1. S12Gbps TA6Gbps TA6Gbps TA6Gbps	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 2K 1 2K 1 56K 3 55K 3 55K 3	dual TB/2TE TB/2	Dr 4 or ith masswap i M.2 S J/4TB/6TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6	8 front 3.5' xximum 4 Ai models, take SD support B/8TB/10TB B/8TB/10TB B/8TB/10TB B/97TB/10TB B/97TB/1	SATA/S nyBay. es place s mirrori	in two
Internal storage	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay (3.5" disks or 2.5" disks with 3.5" tray) For 2.5" bay Two 5.25" b half-height. Integrated of	or 8 front 3 8 or 16 froid f	5" SATA s at 2.5" SA a	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 2K 1 5K 3 5K 3 5K 3 5K 3 5K 3 5C	ays. Quays we have have have have have have have hav	Or 4 or ith masswap i M.2 S J/4TB/6TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6T J/4TB/6	8 front 3.5' xximum 4 Ai models, take SD support B/8TB/10TB B/8TB/10TB B/10TB B	SATA/S nyBay. es place s mirrori	in two
Internal storage Optical	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS ba For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray) Two 5.25" b half-height. Integrated c adapters ar right)	or 8 front 3 8 or 16 front 2.5" HS ocation e or two intervented in the state of	5" SATA s at 2.5" SA bays are ernal M.2 TA6Gbps, 7. TA6Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 7. S12Gbps, 1. S12Gbps, 1.	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 5K 2 2K 1 5K 3 5K 3 5K 3 5K 3 5 pe drive. Supp, LTO-7 SAS, ement port plind Wake-on-L	ays. Cyays ways ways. Cyays ways ways. Cyays ways ways ways ways ways ways ways	Or 4 or ith maximum with maximum was provided by the maxim	8 front 3.5' aximum 4 Ai models, take SD support B/8TB/10TB B/8TB/10TB B/10TB B	SATA/S nyBay. es place s mirrori	in two
Internal storage Optical Network interfaces	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bay For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray) For 2.5" bay Two 5.25" b half-height. Integrated c adapters ar right) Power-on a	or 8 front 3.: 8 or 16 froit on 12.5" HS or 16 froit on 2.5" HS ocation e or two intext of 13.5" HDD, SA 3.5" HDD, SA 2.5" SSD, SA 2.5" SSD, SA 3.5" HDD, SA 3.5" SSD, SA 3.5"	5" SATA s at 2.5" SA a	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 3 22K 1 5K 3 5K 3 5K 3 5K 3 5C 2 1 CONTRACT SAS, ement port plind Wake-on-L	ays. Cyays ways ways ways ways ways ways ways	Or 4 or 4 or 7 or 4 or 7 or 4 or 7 or 4 or 7 or 7	8 front 3.5' aximum 4 Aimodels, taking SD support TB/8TB/10TB TB/10TB TB/10TB/10TB/10TB/10TB/10TB/10TB/10TB/10	SATA/S nyBay. es place s mirrori 8TB 0±RW dr e drives onal PCI mpliant,	in two
Internal storage Optical Network interfaces	HS bays. O Optional 4 f 5.25" bays I Optional on For 3.5" SS bar For 3.5" bay (3.5" disks or 2.5" disks with 3.5" tray) Two 5.25" bay Two 5.25" bay Two 5.25" bay The for 2.5" bay	or 8 front 3 8 or 16 fror ront 2.5" HS ront 2.5" HS ront 2.5" HS ront 2.5" HDN, SA 3.5" HDD, SA 3.5" HDD, SA 2.5" SSD,	5" SATA s at 2.5" SA a	simple-swap b stra/SAS HS b supported or SSD for boot, 2K 1 2K 1 2K 1 5K 3 5K 3 5K 3 5C 2 2K 1 10K 3 5C	ays. Cays ways ways ways ways ways ways ways w	Or 4 or 4 or 7 or 4 or 7 or 4 or 7 or 4 or 7 or 7	8 front 3.5' aximum 4 Aimodels, taking SD support TB/8TB/10TB TB/10TB TB/10TB/10TB/10TB/10TB/10TB/10TB/10TB/10	SATA/S nyBay. es place s mirrori 8TB 0±RW dr e drives onal PCI mpliant,	in two
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	Components	Specification			
	Base warranty	MT 7X09: 1-year limited onsite service with 9x5/NBD			
m	Dago warranty	MT 7X10: 3-year limited onsite service with 9x5/NBD			
		Supports one fixed 450W 80 PLUS Gold qualified AC power supply, non-hot			
		swap, no redundant. Or up to two redundar	nt hot-swap 550W/750W/1100W 80		
	Power supply	PLUS Platinum qualified AC power supplies. Or up to two redundant hot-swap			
re l		750W Titanium qualified AC power supplies. 750W Titanium is 200V - 240V,			
		others are 100V - 240V			
_	Video	Integrated Matrox G200 in XClarity Controller			
\neg		Up to four fans with one for redundant. Two	fans for single processor, three fans		
	Cooling	for dual processor or single processor with	4 x 2.5" HS bay installed. 4th fan is N		
		+ 1 redundant or GPU installed	•		
	Front ports	One XClarity Controller USB connector, one USB 3.0 One VGA, two USB 3.0, four USB 2.0, two ethernet (RJ-45), one XClarity Con-			
	Door porto				
	Rear ports	troller network connector. Optional COM port			
		Supports ASHRAE A4 with limitations.			
-			A4: 5°C to 45°C (41°F to 113°F) A3: 5°C to 40°C (41°F to 104°F)		
		Temperature - operating	A3: 5°C to 40°C (41°F to 104°F) A2: 10°C to 35°C (50°F to 95°F)		
7		Temperature - non operating (no package)	-10°C to 60°C (14°F to 140°F)		
41	Environmental specification	Temperature - non operating (with package)	-40°C to 70°C (-40°F to 158°F)		
+		Altitude - operating	(Unpressurized): 0-10000ft (0-3048m)		
+		Humidity - operating, non-condensing	A4: 8%~90%. A3:8%~85%. A2:20%~80%		
11		Humidity - storage (with package), non-condensing	8%~90%		
]		Models should meet the following requirements to support A3 and A4:			
41		System rear fan required, no system fan fail 450M finad power gyptly not installed, redyndent power gyptlice required.			
41		450W fixed power supply not installed, redundant power supplies required NVMe SSD not installed			
+		GPU not installed			
_		• When 4 x 2.5" bay installed, only support up to 2TB SAS HDD/SSD and all SATA HDD/SSD			
_	Environmental				
	certification	www.lenovo.com/social_responsibility/us/en/environment/			



Expansion slots

	Slot 1 (CPU1)	PCIe 3.0 x8, full height, half length
	Slot 2 (CPU1)	PCIe 3.0 x16, full height, half length
	Slot 3 (CPU1)	PCIe 3.0 x16, full height, full length,
,		double-width
	Slot 4 (CPU2)	PCIe 3.0 x16 (x8 elec), full height, full length
		PCIe 3.0 x16, full height, full length,
		double-width
	Slot 6 (CPU1)	PCIe 3.0 x8 (x4 elec), full height, full length

Note: All expansion cards and redundant PSU are optional.

System unique options

7X77A03475	ThinkSystem ST550 2.5" SATA/SAS 4-Bay Backplane Kit
7X77A03476	ThinkSystem ST550 2.5" Anybay 8-Bay Backplane Kit
7TP7A04369	ThinkSystem ST550 2.5" 8-Bay Backplane Kit
7TP7A04370	ThinkSystem ST550 3.5" SATA/SAS 4-Bay Backplane kit
7X77A03481	ThinkSystem ST550 3.5" Simple Swap Bracket Plate
7X77A03484	ThinkSystem ST550 4U Security Bezel
7X77A03485	ThinkSystem ST550 CMA kit
7X77A03488	ThinkSystem ST550 4U Tower to Rack Conversion Kit
7Z17A02577	ThinkSystem ST550 COM Port Upgrade Kit
7XH7A06781	ThinkSystem ST550 Front Mid FAN Module for 4x2.5" ODD conversion
7TP7A04371	ThinkSystem ST550 Rear FAN Module for RDN FAN